



TECHNICAL PRODUCT INFORMATION

Product:	Diffused Thermic film with anti-drip
Catalog Number:	E2119
Product description:	Multi-layer diffused greenhouse cover. The light diffusion reduces construction and self shadows and allows the plants to receive a more even distribution of light during the day. The film contains anti-fog (anti-drip) additives to prevent dripping onto the plants and light transmission reduction. The IR ingredient prevents heat "escape" at night.
Durability:	4 years at 120-140 Kly
Thickness:	150-200 μ
Width:	1.0-14.5 m
Length:	According to customer order

Property	Units	6 mil	
Tensile Strength at break[MD]	MPa.	25	
Tensile Strength at break[TD]	MPa.	25	
Elongation at break [MD]	%	780	
Elongation at break [TD]	%	761	
Tear resistance[MD]	Kg./mm	9.0	
Tear resistance[TD]	Kg./mm	11.0	
Falling Dart Impact	gr.	900	
Total light transmission	%	87	
Light diffusion	%	55	
Thermicity	%	85	
UV blocking	%/nm	95/350	
Thickness average	%	±5% on nominal	
Thickness tolerance	%	±15%	